

Table 6  
Summary of Water Level Measurements and Presence of Petroleum Product in Groundwater  
Avery Landing Site  
Avery , Idaho

Location ID	Location Construction Details	Depth to Water <sup>1</sup> (ft)	Depth to Product <sup>2</sup> (ft)	Observation of Groundwater <sup>3</sup>	Comments
GA-3	2"-diameter PVC well casing	15.76	NA	Yes	Organic flocculent in water. No indications of petroleum hydrocarbons observed.
GA-2	2"-diameter PVC well casing	8.44	NA	Yes	No indications of petroleum hydrocarbons observed.
GA-4	2"-diameter PVC well casing	9.59	NA	Yes	No indications of petroleum hydrocarbons observed.
DW-01	6"-diameter metal well casing	11.33	NA	Yes	No indications of petroleum hydrocarbons observed.
EMW-01	2"-diameter PVC well casing	10.05	NA	No	No indications of petroleum hydrocarbons detected by oil/water interface probe.
MW-5	2"-diameter PVC well casing	10.06	NA	No	No indications of petroleum hydrocarbons detected by oil/water interface probe.
HC-1	2"-diameter PVC well casing	13.02	NA	Yes	Organic flocculent in water. No indications of petroleum hydrocarbons observed.
GA-1	2"-diameter PVC well casing	13.40	NA	Yes	Organic flocculent in water. No indications of petroleum hydrocarbons observed.
EMW-04	2"-diameter-PVC well casing	13.48	NA <sup>4</sup>	Yes	Globules of product observed in the groundwater
1031	4"-diameter PVC pipe	17.48	NA <sup>4</sup>	Yes	Sheen and globules observed in the groundwater. White organisms 2-3 mm long and a 1/2" long and 1 mm wide worm observed on the tip of the interface probe.
1030	4"-diameter PVC pipe	NW <sup>5</sup> /17.47	NA	NW	No indications of petroleum hydrocarbons were observed on oil/water interface probe.
1025	4"-diameter PVC pipe	18.13	NA	Yes	Turbid water. White and black organisms 2-4 mm long observed on the oil/water interface probe.
1024	4"-diameter PVC pipe	NW <sup>5</sup> /16.82	NA	NW	Faint diesel odor detected in soil on end of interface probe.
1023	4"-diameter PVC pipe	NW <sup>5</sup> /16.99	NA	NW	No indications of petroleum hydrocarbons were observed on oil/water interface probe.
EW-1	3'-diameter corrugated metal pipe	14.14	NA <sup>4</sup>	Yes	Sheen visible on groundwater (i.e., separate 2" and 4" diameter sheen spots observed on surface of water in pipe).
EW-2	3'-diameter corrugated metal pipe	14.82	NA	Yes	No indications of petroleum hydrocarbons observed.
EW-3	3'-diameter corrugated metal pipe	12.92	NA	Yes	No indications of petroleum hydrocarbons observed.
EW-4	3'-diameter corrugated metal pipe	11.83	NA	Yes	No indications of petroleum hydrocarbons observed.
EW-5	3'-diameter corrugated metal pipe	12.36	NA	Yes	No indications of petroleum hydrocarbons observed.
Black pipe	3"-diameter ABS pipe	CNO	CNO	CNO	Could not remove pipe cap.
EMW-05	2"-diameter PVC well casing	14.57	NA	Yes	Faint petroleum odor observed in water.
1014	4"-diameter PVC pipe	19.34	NA	Yes	No indications of petroleum hydrocarbons observed.
1015	2"-diameter PVC well casing	NW <sup>5</sup> /19.61	NA	NW	No indications of petroleum hydrocarbons observed.
1010	4"-diameter PVC pipe	14.82	NA <sup>4</sup>	Yes	Black product streaks observed on oil / water interface probe and bailer. Water in bailer observed to contain black globules but no distinct layer of product.
EMW-06	2"-diameter PVC well casing	13.55	13.54	Yes	0.01 foot of product measured by interface probe. Product observed to be stuck on the outside of the bailer but not in water inside the bailer.
1012	4"-diameter PVC pipe	16.05	NA	Yes	Faint petroleum odor and white organisms observed on interface probe. Not enough water to allow collection of water in bailer.
HC-4	CNL				
1007	4"-diameter PVC pipe	NW <sup>6</sup> /15.2	NA	NW	No indications of petroleum hydrocarbons detected on oil/water interface probe.
1005	4"-diameter PVC pipe	16.45	NA	Yes	Water in bailer was turbid and black. However, no globules or product observed. White organisms observed on interface probe.
1006	2"-diameter PVC well casing	17.90	NA	Yes	Organic flocculent in water. No indications of petroleum hydrocarbons observed.
1002	4"-diameter PVC pipe	14.84	NA	Yes	Not enough water to allow collection of water in bailer. No indications of petroleum hydrocarbons observed.
Piezometer	4"-diameter PVC pipe	NW <sup>6</sup> /9.5	NA	NW	No indications of petroleum hydrocarbons detected on oil/water interface probe.
EMW-02	2"-diameter PVC well casing	10.67	NA	Yes	Organic flocculent in water. No indications of petroleum hydrocarbons observed.
EMW-03	2"-diameter PVC well casing	13.25	NA	Yes	No indications of petroleum hydrocarbons observed.
MW-11	2"-diameter PVC well casing	NM	NM	Yes	Viscous product observed in well. Bailer inserted into well but no product flowed into the bailer. PVC pipe used to probe viscous product to estimate thickness. Approximately 2.5' of product measured using PVC pipe. No water level measurement taken because interface probe was fouled by viscous product.

**Notes:**

<sup>1</sup> The depth to water was measured from the top of the well casing or pipe present at each location with a Solinst Interface Meter (Model 122).

<sup>2</sup> The presence of/depth to product was evaluated at each location with a Solinst Interface Meter (Model 122).

<sup>3</sup> A bailer was used to collect groundwater at the identified location. The results from observations of the groundwater are presented in the comments.

<sup>4</sup> Petroleum hydrocarbon product was not measured with the oil/water interface probe. However, indications of the presence of petroleum hydrocarbons were observed in groundwater collected with a bailer. See comments.

<sup>5</sup> No water was present at the identified location. The total depth in feet from the top of casing/pipe is presented. Observations concerning the presence of petroleum hydrocarbons are presented in the comments.

<sup>6</sup> No water was present at the identified location. The total depth in feet from the top of casing/pipe is presented. Total depth presented is from Table 3-3, Monitoring Well Construction Details (Golder 2010). Observations concerning the presence of petroleum hydrocarbons are presented in the comments.

NA = Not Applicable. Measureable product was not detected at the identified location.

NW = No groundwater present at the identified location.

CNO = Could not open casing/pipe at identified location.

CNC = Could not locate.

NM = Not measured. Viscous product detected that fouled interface probe.

mm = millimeters